

**Hydro-LOGIC, Inc. (HLI)**  
**SOP No: HLI-SOP-A-015-R1**

**Comments on HLI SOP**

**A OBJECTIVE**

Before analyzing samples, **HLI** should provide MDLs and PQLs for the volatile organics determined by this method. Specify how results will be reported, such as, **ug/m<sup>3</sup>** or, maybe, **ng/L Air**, or **ng/g Air**. Some compounds listed in QAPP Table 5N, namely, 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Carbon Disulfide, and cis- and trans-1,3-Dichloropropene are not included in this method. Verify if these compounds will be required for determining Total VOCs.

**B SAMPLING AND PRESERVATION REQUIREMENTS**

Specify any preservation and holding time requirements for the 60 cc syringes.

**C CALIBRATION**

Specify concentration of the 3 to 5 calibration standards.

**D QUALITY CONTROL**

QAPP Section 3.7 specifies QC requirements for the field GC. Method blank must be analyzed at the start of each day, and every 10 samples.

**E CALCULATIONS**

Describe the calculations to determine concentration of Total VOCs.

**F Soil Gas Sampling Procedures**

Are any field blanks, or background samples, going to be collected?